

FIG. 1

## PURIFICATION SCHEME

### 1. Purification Step

Plasma



Immuno Affinity Chromatography

IgG-eTTP Affi-Gel® HZ 200 ml



Elution of vWF protease with NaSCN 3M



Gelfiltration

Bio-Gel® P-6DG 200 ml



Protein G-Sepharose ® 10 ml



Eluate

**FIG. 1**

## **2. Purification Step**

Pooled Eluate from Step 1



Immuno Affinity Chromatography

Therasorb® 50 ml



Dilution



Anion Exchange Chromatography

High Q Support® 5 ml



Affinity Chromatography

Lentil Lectin-Sepharose® 25 ml



Elution of vWF Protease with Methyl- $\alpha$ -D-Mannopyranoside 0.3M

**FIG. 1**

### **3. Purification Step**

Pooled Eluate from Step 2



Affinity Chromatography

Heparin-Sepharose 5ml



*Dialysis*



Anion Exchange Chromatography

High Q Support® 5 ml



Gel Filtration

Sephacryl® S-300 HR 500 ml



Elution of vWF Protease with NaCl 0.5 M

**FIG. 1**

**Optional: 4. Purification Step**

Pooled Eluate from Step 3



Affinity Chromatography

Anti- $\alpha_2$ -Macroglobulin-column 1ml



and/or optional



Affinity Chromatography

Anti-Clusterin column

gctgcaggcggcatcctacacctggagctgctggtggccgtgggccccgatgtc  
 A . A G G I L H L E L L V A V G P D V  
 ttccaggctcaccaggaggacacagagcgctatgtgctcaccaacctcaacatcggggca  
 F Q A H Q E D T E R Y V L T N L N I G A  
 gaactgcttcgggacccgtccctgggggctcagtttcgggtgcacctgggtgaagatgggtcat  
 E L L R D P S L G A Q F R V H L V K M V I  
 tctgacagagcctgaggggtgccccaaatatcacagccaacctcacctcgctccctgctgagc  
 L T E P E G A P N I T A N L T S S L L S  
 gtctgtgggtggagccagaccatcaaccctgaggacgacacggatcctggccatgctgac  
 V C G W S Q T I N P E D D T D P G H A D  
 ctggctcctctatatcactaggtttgacctggagttgcctgatggtaaccggcaggtgcgg  
 L V L Y I T R F D L E L P D G N R Q V R  
 ggcgtcacccagctgggcggtgcctgctccccaacctggagctgcctcattaccgaggac  
 G V T Q L G G A C S P T W S C L I T E D  
 actggcttcgacctgggagtcaccatt  
 T G F D L G V T I

147 AA

Fig. 2

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